



**Part Number :** [901230103](#)

**Product Description :** 2.54mm Pitch C-Grid III Modular Crimp Housing Single Row, 2 Polarizing Buttons, 3 Circuits, Black

**Series Number :** 90123

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[901230103\\_sd.pdf](#)

[PK-90123-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[901190001-AS-000.pdf](#)

[PS-99020-0001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Contains Triphenyl-phosphate per D(2025)7771-DC (04 Feb 2026)   |
| EU RoHS            | Compliant per EU 2015/863   |

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Connector Housings  |
| Series       | 90123   |
| Description  | 2.54mm Pitch C-Grid III Modular Crimp Housing Single Row, 2 Polarizing Buttons, 3 Circuits, Black |
| Application  | Signal, Wire-to-Board   |
| Comments     | 2 Polarizing Buttons  |
| Product Name | C-Grid III  |
| UPC          | 800753707030  |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Physical

|                    |            |
|--------------------|------------|
| Circuits (maximum) | 3          |
| Color - Resin      | Black      |
| Flammability       | 94V-1      |
| Gender             | Receptacle |
| Glow-Wire Capable  | No         |

|                               |                |
|-------------------------------|----------------|
| Material - Resin              | PPO            |
| Net Weight                    | 0.173/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.54mm         |
| Stackable                     | Yes            |
| Temperature Range - Operating | -55° to +105°C |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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### Mates With / Use With

#### Mates with Part(s)

| Description                               | Part Number  |
|---|--------------|
| C-Grid III Vertical Single Row Headers    | <u>90120</u> |
| C-Grid III Single Row Headers             | <u>90136</u> |
| C-Grid III Right-Angle Single Row Headers | <u>90121</u> |

#### Use with Part(s)

| Description   | Part Number      |
|---|------------------|
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black | <u>797582022</u> |
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | <u>797582023</u> |
| C-Grid III Female Crimp Terminals   | <u>90119</u>     |

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